

# COASTAL IMPACT ASSISTANCE PROGRAM

## Jefferson Parish Project Nominee Fact Sheet

**Project Title:** Goose Bayou Ridge Creation and Shoreline Protection

**Entity/Individual nominating the project:** Jefferson Parish, Louisiana

**Contact Information:** Marnie Winter, Director  
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**Total CIAP Funds Requested:** \$ 4,000,000

**Parish CIAP Funds Proposed:** \$ 4,000,000

**State CIAP Funds Requested:** \$ 0

**Infrastructure Funds Proposed:** N/A

**Description and Location of the Project:** The project is located in Lafitte, Jefferson Parish, Louisiana, along the northwestern shore of The Pen, at the outlet of Goose Bayou, thence northward to its intersection with Cypress Bayou (DD 90.08439, 29.70569).

This project would involve shoreline protection, dedicated dredging and vegetative planting. Approximately 8,000 linear feet of additional shoreline protection would be added along the west side of Goose Bayou to its intersection with Cypress Bayou. A dedicated dredge would then move sediment from the bottom of The Pen (or from the Mississippi River) to the area behind the rock revetment used to construct the shoreline protection. The deposited material would be built into a topographic ridge approximately 3.5 feet MSL to restore the historic function of ridges in the project area. The artificial ridge would be planted with woody vegetation to create approximately 50 acres of wooded ridge. The added shoreline protection would benefit approximately 1200 acres of freshwater marsh between Goose Bayou and the inhabited area of lower Lafitte.

**Project Type:** Conservation, restoration and protection of coastal area, including wetland

**Project Justification:** The project would enhance tidal surge protection to residents of the Lafitte area, protect approximately 1200 acres of fresh water marsh and create much-needed woody ridge habitat for native species of flora and fauna. Shoreline protection was installed along 1,650 feet of Goose Bayou, which is on the northwestern perimeter of The Pen, under a previous restoration project. The opportunity now exists to extend this protection northward along the western shoreline of Goose Bayou to Cypress Bayou.

The project is consistent with the following coastal restoration initiatives:

### COAST 2050: TOWARD A SUSTAINABLE COASTAL LOUISIANA:

#### *Coastwide Strategy:*

Dedicated dredging for wetland creation  
Maintenance of bay and lake shoreline integrity

Vegetative planting  
Maintain or restore ridge functions

COASTAL IMPACT ASSISTANCE PROGRAM (CIAP):

Protect Critical infrastructure

**Project Cost Share:**      State = 0 %  
                                 Parish = 0 %